

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	"20030003707" "5498768".pn. "5804249".pn. "5084413".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 12:53
S2	146	(tungsten or w) near2 (viahole or via or plug or opening or aperture or interconnect or wiring) and (clean or cleaning or reducing or reduction or removal or removing or seed or nucleus or nucleation) near4 (wf or nf or sif or tungsten near hexafluoride or silicon adj tetrafluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 13:36
S3	130	(tungsten or w) near2 (viahole or via or plug or opening or aperture or interconnect or wiring) and (clean or cleaning or cleaned or (oxide or residue or residual) near2 (removal or removing or etch or etching or etched)) near3 (wf or nf or sif or tungsten near hexafluoride or silicon adj tetrafluoride or fluoride or fluorine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 13:51
S4	16	(tungsten or w) near2 (viahole or via or plug or opening or aperture or interconnect or wiring) and (clean or cleaning or cleaned or (oxide or residue or residual) near2 (removal or removing or etch or etching or etched)) near3 (wf or nf or sif or tungsten near hexafluoride or silicon adj tetrafluoride or nitrogen near trifluoride or nitrogen near fluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 14:13
S5	84	(tungsten or w) near2 (viahole or via or plug or opening or aperture or interconnect or wiring) near6 (wf or nf or sif or tungsten near hexafluoride or silicon adj tetrafluoride or nitrogen near trifluoride or nitrogen near fluoride or tungsten near fluoride or silicon near fluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 15:22
S6	0	(tungsten or w) near2 (viahole or via or plug or opening or aperture or interconnect or wiring) same (wf or nf or sif or tungsten near hexafluoride or silicon adj tetrafluoride or nitrogen near trifluoride or nitrogen near fluoride or tungsten near fluoride or silicon near fluoride) near2 (clean or cleaning or cleaned or treatment or treated or treating)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 15:24
S8	27	(tungsten or w) near2 (viahole or via or plug or opening or aperture or interconnect or wiring) and (seed or nucleation or nucleus or nucleating) near8 (silane or sih or si near h) near8 (wf or tungsten near hexafluoride or sif or nf)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 16:46
S9	455	(viahole or via or plug) and (wf or tungsten near hexafluoride or tungsten near fluoride or silicon near fluoride or sif or silicon near tetrafluoride or nf) near5 (reducing or reduction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 16:48
S10	26	(viahole or via or plug) and (wf or tungsten near hexafluoride or tungsten near fluoride or silicon near fluoride or sif or silicon near tetrafluoride or nf) near5 (reducing or reduction) near8 (clean or cleaning or cleaned or treatment or treating or treated)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 16:49
S11	135	(tungsten or w) near5 (viahole or via or plug) and (wf or tungsten near hexafluoride or tungsten near fluoride or silicon near fluoride or sif or silicon near tetrafluoride or nf) near5 (reducing or reduction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 08:27
S12	1	(wf or tungsten near hexafluoride or tungsten near fluoride or silicon near fluoride or sif or silicon near tetrafluoride or nf) near3 (seed or nucleation or nucleating) near15 cvd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 08:29
S13	66	(wf or tungsten near hexafluoride or tungsten near fluoride or silicon near fluoride or sif or silicon near tetrafluoride or nf) near3 (seed or nucleation or nucleating)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 09:08

S14	244	(silicon or semiconductor) and (plug or via or viahole) near5 (wf or tungsten near hexafluoride or tungsten near fluoride or silicon near fluoride or sif or silicon near tetrafluoride or nf)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 09:12
S15	40	(silicon or semiconductor) and (plug or via or viahole) near5 (wf or tungsten near hexafluoride or tungsten near fluoride or silicon near fluoride or sif or silicon near tetrafluoride or nf) and (wf or tungsten near hexafluoride or tungsten near fluoride or silicon near fluoride or sif or silicon near tetrafluoride or nf) near15 (silane or silicon near hydride or sih or hydrogen or h)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 09:12
S16	165	(tungsten or w) near5 (plug or via or viahole or interconnect or interconnection or wiring) near10 (wf or tungsten near hexafluoride or tungsten near fluoride or silicon near fluoride or sif or silicon near tetrafluoride or nf)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 09:13
S17	140	S16 not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 09:39
S18	84	(tungsten or w) near3 (plug or via or viahole or trench or damascene or groove or hole or opening) and (fluorine or fluoride) near4 (reducing or reduction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 09:40
S19	4	(US-20040247788-\$.did. or (US-6573181-\$ or US-6066366-\$ or US-5834372-\$.did.	US-PGPUB; USPAT	OR	ON	2005/05/06 11:17
S20	8	(titanium adj oxide or tiox or tio) near15 (sif or silicon adj tetrafluoride or silicon adj fluoride or nf or wf or tungsten near fluoride or tungsten near hexafluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 12:55
S21	1486	(titanium adj oxide or tiox or tio) near10 (fluorine or fluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 12:55
S22	0	(titanium adj oxide or tiox or tio) near5 (via or plug or viahole or opening or damascene) same (fluorine or fluoride or fluorinated) near3 (treatment or treating or treated or pretreatment or pretreating or pretreated or etching or etchant or etch or removing or removal or removed or clean or cleaning or cleaned)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 12:56